

R E M A R K S

Enclosed herewith in full compliance with 37 C.F.R. §§1.821-1.825 is a Substitute Sequence Listing to be inserted into the specification as indicated above. The Substitute Sequence Listing in no way introduces new matter into the specification. Also submitted herewith in full compliance with 37 C.F.R. §§1.821-1.825 is a disk copy of the Substitute Sequence Listing. The disk copy of the Sequence Listing, file "2005-11-11 1254-0282PUS1.ST25.txt", is identical to the paper copy, except that it lacks formatting.

The specification is amended to reference each nucleotide sequence with a corresponding SEQ ID NO. The Sequence Listing is amended to include SEQ ID NOS: 5-7 which are presented on pages 40 and 48 of the specification. The Sequence Listing is further amended to reference the present application by filing date and serial number and to correct formatting errors. No new matter is introduced by these amendments.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

In view of the above amendment, applicant believes the pending application is in condition for allowance.

Dated: November 22, 2005

Respectfully submitted,



By 
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Attachments: Disk and paper copy of Sequence Listing
Copy of Notice to Comply